



Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: sescoe@gmail.com

Internal Quality Assurance Cell

Academic and Administrative Audit

For Academic Year: 2021-2022

(Provide Information for Academic Year 2021-2022)

Section I: Basic Information

1	Audit Date	07/07/2022
2	Name of Department	Electronics & Telecommunication Engineering
3	Head of Department	Prof. T. M. Dudhane
4	Number of Full time teachers	15
5	Number of Technical Staff	02
6	Number of Student	154
7	Student Full Time Teacher Ratio	15:1

Section II: Curricular Aspects

A. Academic Planning

Sr. No.	Particular	Available Yes / No	Remark(if any)
1	Departmental Academic Calendar	Yes	Attached to Dept File
2	Faculty Subject Choices	Yes	Attached to Dept File
3	Elective Choices from Students	Yes	Attached to Dept File
4	Course /Subject Distribution to Faculty	Yes	Attached to Dept File
5	All Time Tables	Yes	Attached to Dept File
6	Teaching plan & Laboratory plan	Yes	Attached to Dept File



B. Participation of the department in the curriculum development for courses offered by the Affiliating University.

Sr. No	Name of Faculty	Participated as	Course	Class
1	Prof. S. I.Nipanikar	Faculty	Three Days Faculty Orientation Workshop On " Implementation and Execution of Digital Signal Processing for Third Year E&TC Engineering 2019 Pattern Syllabus"	TE E&TC (2019 Pattern)
2.	Prof. S. I.Nipanikar	Faculty	Two Days Faculty Orientation Workshop On " Implementation and Execution of skill Development for Third Year E&TC Engineering 2019 Pattern Syllabus"	TE E&TC (2019 Pattern)
3.	Prof. S. Y. Tule	Faculty	Three Days Faculty Orientation Workshop On " Implementation and Execution of Fourth Year E&TC Engineering 2019 Pattern Syllabus"	BE E&TC (2019 Pattern)
4.	Prof. S. Y. Tule	Faculty	Three Days Faculty Orientation Workshop On " Implementation and Execution of Advanced JAVA Programming for Third Year E&TC Engineering 2019 Pattern Syllabus"	TE E&TC (2019 Pattern)
5.	Prof. L. M. Sagale	Faculty	Three Days Faculty Orientation Workshop On " Implementation and Execution of Third Year E&TC Engineering 2019 Pattern Syllabus"	TE E&TC (2019 Pattern)
6.	Prof. L. M. Sagale	Faculty	Three Days Faculty Orientation Workshop On " Implementation and Execution of Third Year E&TC Engineering 2019 Pattern Syllabus"	TE E&TC (2019 Pattern)
7.	Prof. L. M. Sagale	Faculty	Two Days Online Faculty Orientation Workshop On " Implementation and Execution of Honour Subject for Third Year E&TC Engineering 2019 Pattern Syllabus"	TE E&TC (2019 Pattern)
8.	Prof. J. J. Bandal	Faculty	Three Days Faculty Orientation Workshop On " Implementation and Execution of Elective II Subject for Third Year E&TC Engineering 2019 Pattern Syllabus"	TE E&TC (2019 Pattern)
9.	Prof. J. J. Bandal	Faculty	Three Days Faculty Orientation Workshop On " Implementation and Execution of Third Year E&TC Engineering 2019 Pattern Syllabus"	TEE&TC (2019 Pattern)



C. List of Elective Courses in Elective Course System offered by department to final year students.

Sr. No.	Name of Elective Course	Semester
1.	Elective -I Internet of Things	SEM-VII
2.	Elective -I Electronics Product Design	SEM-VII
3.	Elective -I Audio and Video Engineering	SEM-VIII
4.	Elective -II Wireless Sensor Network	SEM-VIII

D. List of audit courses in CBCS system offered by department

Sr. No.	Name of Audit Course	Class	Semester
1.	Science Technology and Society	S.E.	I
2.	Enhancing Soft Skill and Personality	S.E.	II
3.	Developing Soft Skill and Personality	T.E.	I
4.	Principles of Human Resource and Management	T.E.	II
5.	Green Energy	B.E.	I
6.	Team building Leadership and Fitness	B.E.	II

E. List of value added courses conducted in department

Sr.No.	Name of Value Added Course	Target Audience (FE/SE/TE/BE)	No.of Students Participated
1.	PLC & SCADA	TE	40

Section III: Teaching Learning & Evaluation

A. Course / Curriculum Delivery

Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practical as Per Syllabus	No. of Lectures/ Practical as per teaching plan / LabPlan	No. of Lectures/ Practical's Conducted
Semester I					
1	SE Sem I Engineering Mathematics III	Prof. Y. G. Jadhav	Lecture-52	Lecture-52	Lecture-55
2	Electronic Circuits	Prof. S. S. Sonawane	Lecture-42 Pract.-10	Lecture-42 Pract.-10	Lecture-42 Pract.- 10
3	Digital Circuits	Prof. J. J. Bandal	Lecture-45 Pract.-9	Lecture-45 Pract.-9	Lecture-47 Pract.- 9



Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practical as Per Syllabus	No. of Lectures/ Practical as per teaching plan / Lab Plan	No. of Lectures/ Practical's Conducted
4	Electrical Circuits	Prof. S.S. Koratkar	Lecture-44 Pract.-8	Lecture-44 Pract.-8	Lecture-45 Pract.- 8
5	Data structures	Prof. P. G. Bendre	Lecture-42 Pract.-10	Lecture-42 Pract.- 8	Lecture-41 Pract.- 8
6	TE Sem I Digital Communication	Prof. S. Y. Tule	Lecture-40 Pract.- 10	Lecture-40 Pract.- 10	Lecture-42 Pract.- 10
7	Electromagnetic Field Theory	Prof. R. S. Nipanikar	Lecture-38	Lecture-38	Lecture-38
8	Database Management	Prof. P. G. Bendre	Lecture-40 Pract.- 11	Lecture-40 Pract.- 11	Lecture-38 Pract.- 11
9	Microcontrollers	Prof. P. S. Gham	Lecture-36 Pract.- 8	Lecture-36 Pract.- 8	Lecture-37 Pract.- 8
10	Elective - I Digital Signal Processing	Prof. S. Y. Tule	Lecture-38 Pract.- 8	Lecture-38 Pract.- 8	Lecture-40 Pract.- 8
11	BE Sem I Subjects VLSI Design & Technology	Dr. S. I. Nipanikar	Lecture-39 Pract.- 8	Lecture-39 Pract.- 8	Lecture-42 Pract.- 8
12	Computer Networks & Security	Prof. L. M. Sagale	Lecture-39 Pract.- 8	Lecture-39 Pract.- 8	Lecture-39 Pract.- 8
13	Radiation & Microwave Techniques	Prof. R. S. Nipanikar	Lecture-39 Pract.- 8	Lecture-39 Pract.- 8	Lecture-40 Pract.- 8
14	Elective I Internet of Things	Prof. P. S. Gham	Lecture-38 Pract.- 8	Lecture-38 Pract.- 8	Lecture-38 Pract.- 8



Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practical as Per Syllabus	No. of Lectures/ Practical as per teaching plan / LabPlan	No. of Lectures/ Practical's Conducted
15	Elective II Electronics Product Design	Prof. S. S.Koratkar	Lecture-36	Lecture-36	Lecture-37
Semester II					
16	SE Sem II Subjects Signals & Systems	Prof.Dr. S. I. Nipanikar	Lecture-42 Pract.- 7	Lecture-42 Pract.- 7	Lecture-40 Pract.- 7
17	Control System	Prof.S. S. Nalage	Lecture-40 Pract.- 7	Lecture-40 Pract- 7	Lecture-41 Pract- 7
18	Principles of Communication Systems	Prof. R. S.Nipanikar	Lecture-42 Pract- 10	Lecture-42 Pract- 10	Lecture-43 Pract- 10
19	Object Oriented Programming	Prof. P. S. Gham	Lecture-38 Pract- 16	Lecture-38 Pract- 16	Lecture-39 Pract- 16
20	TE Sem II Subjects Cellular Networks	Prof. S .S. Nalage	Lecture-40 Pract.- 9	Lecture-40 Pract- 9	Lecture-41 Pract- 9
21	Project Management	Prof. L. M. Sagale	Lecture-42	Lecture42	Lecture-43
22	Power Devices & Circuits	Prof. J. J. Bandal	Lecture-36 Pract-9	Lecture-36 Pract-9	Lecture-35 Pract-9
23	Elective -II Digital Image Processing	Prof.S. Y. Tule	Lecture-42 Pract-9	Lecture-42 Pract-9	Lecture-42 Pract-9



Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practical as Per Syllabus	No. of Lectures/ Practical as per teaching plan / LabPlan	No. of Lectures/ Practical's Conducted
24	BE Sem II Subjects Mobile Communication	Prof. L. M. Sagale	Lecture-46 Pract-8	Lecture-46 Pract-8	Lecture-47 Pract
25	Broadband Communication Systems	Prof. S. Y. Tule	Lecture-42 Pract-8	Lecture Pract-8	Lecture-42 Pract-8
26	Elective-III Audio Video Engineering	Prof. R. S. Nipanikar	Lecture-40 Pract-8	Lecture-40 Pract-8	Lecture-42 Pract=8
27	Elective-IV Wireless Sensor Networks	Prof. J. J. Bandal	Lecture-40	Lecture40	Lecture36

B. Use of ICT Tools in teaching learning

Sr. No.	Name of Faculty	Name of Subject for which ICT Used	ICT Tool / Technique Used
1.	Prof. Dr. S. B. Patil	PBL	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
2.	Prof. T. M. Dudhane	BXE	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
3.	Prof. Dr. S. I. Nipanikar	VLSI	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
4.	Prof. D. U. Dalavi	ELC	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
5.	Prof. M. V. Thube	Administrative Work	LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL
6.	Prof. R. S. Nipanikar	EFT	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
7.	Prof. J. J. Bandal	DC, PDC	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms



Sr. No.	Name of Faculty	Name of Subject for which ICT Used	ICT Tool / Technique Used
8.	Prof. L. M. Sgale	CN	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
9.	Prof. S. R. Shinde	ESD	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
10.	Prof. A. R. Lokhande	AVE	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
11.	Prof. P. S. Gham	OOPS,	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
12.	Prof. S. Y. Tule	DC	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
13.	Prof. P. G. Bendre	DS	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
14.	Prof. S. D. Pasalkar	ESD	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms
15.	Prof. S. S. Nalage	CS	PPT, LCD Projector, Youtube, Whatsapp, Virtual Lab, E-Books, NPTEL Google Classrooms

C. List of Expert Lecturers / Guest Lecture Conducted (Strictly related to academic)

Sr. No.	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Target Audience (FE/SE/TE/BE)	No. of Present Students
1	Electrical Vehicles & Batteries	Prof. S. M. Lambe Karmayogi College of Engineering	26th Nov.2021	SE/TE/BE	105
2	Current Industry Trends	Mr. Sachin Mali	24th Nov 2021	TE/BE	85
3	Machine Learning & Its Applications	Mr. Rushikesh Gite	24/09/2021	BE	75



Sr. No.	Expert Lecture Topic Name	Expert Speaker /Resource Person	Date of Conduction	Target Audience (FE/SE/TE/BE)	No. of Present Students
4	Electrical Vehicles & Batteries	Mr. Suresh Ubhe	20/10/2021	TE	65
5	PLC & SCADA Automation	Prof. D. B. Shivpuje	08/01/2022	BE	35

D. Activities for Slow and Advanced Lerner:

Sr. No.	Name of Subject	Name of Faculty	Slow Learners / Adv. Learners Identified (Yes/No)	No .of Sessions Conducted for Slow Learners	Activities / Task Assigned for Advanced Learner
1.	Digital Circuits	Prof. J. J. Bandal	Yes	4 Hrs	Yes
2.	Engineering Mathematics III	Prof. Y. G. Jadhav	Yes	4 Hrs	Yes
3.	Electronic Circuits	Prof. S. S. Sonawane	Yes	4 Hrs	Yes
4.	Digital Communication	Prof. S. Y. Tule	Yes	4 Hrs	Yes
5.	Electromagnetic Field Theory	Prof. R. S. Nipanikar	Yes	4 Hrs	Yes
6.	Microcontrollers	Prof. P. S. Gham	Yes	4 Hrs	Yes
7.	Elective - I Digital Signal Processing	Prof. S. Y. Tule	Yes	2 Hrs	Yes
8.	VLSI Design & Technology	Dr. S. I. Nipanikar	Yes	2Hrs	Yes
10.	Radiation & Microwave Techniques	Prof. R. S. Nipanikar	Yes	2Hrs	Yes

E. List of Bridge Courses Conducted

Sr.No.	Name of Subject for which Bridge Course Conducted	Name of Faculty	Class	Semester
Nil				



F. Counseling and Mentoring

No. of Students in Department	No. of Full Teachers in Department	Mentor: Mentee Ratio
154	15	1:20

Sr. No.	Particular	Yes/No	Remark(if any)
1	Mentor Allocation	Yes	
2	Class wise Student Profile Record maintained	Yes	
3	Mentor Mentee Session Record maintained	Yes	

G. Internal Evaluation System

Sr. No.	Particular	Yes/No	Remark(if any)
1	Continuous Evaluation Record	Yes	
2	Term Work Marks Record	Yes	
3	Mock Online Exam Record	Yes	
4	Unit test / Class Test Record	Yes	
5	Prelim Exam Record	Yes	
6	Mock Oral Practical Record	Yes	
7	Seminar / Project Review Record	Yes	

H. Learning Outcome

Sr. No.	Particular	Yes/No	Remark(if any)
1	PO, PSO, CO are well stated	Yes	Attached to individual Course File
2	Correlation of Cos in PSOs and POs	Yes	Attached to individual Course File
3	Course Outcome attainment calculated	Yes	Attached to individual Course File

I. Student Performance in University Exam**1. Semester I**

Sr. No.	Particular	SE	TE	BE
1	Number of students appeared	76	45	30
2	Number of All Clear Students	69	41	27
3	Number of students passed with distinction	62	41	27
4	Number of students passed with first class	7	0	0
5	Number of students passed with higher second class	0	0	0
6	Number of students passed with second class	0	0	0
7	Number of Students Failed	0	0	0
8	Passing Percentage	90.78%	91.12%	90%



2. Semester II

Sr. No.	Particular	SE	TE	BE
1	Number of students appeared	72	42	30
2	Number of All Clear Students	20	35	29
3	Number of students passed with distinction	12	31	26
4	Number of students passed with first class	8	4	3
5	Number of students passed with higher second class	0	0	6
6	Number of students passed with second class	0	0	0
7	Number of Students Failed	0	0	1
8	Passing Percentage	27.6%	83.3%	97%

I. Remedial Coaching

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester
--				

Section IV: Structured Feedback

Sr. No.	Particular	Yes / No	Remark(if any)
1	Student feedback on teaching learning conducted & analyzed.	Yes	
2	Parent Meet/ Parent Feedback conducted	Yes	
3	Student exit survey conducted & analyzed.	Yes	
4	Alumni feedback conducted & analyzed.	Yes	

Section V: Research, Innovation, Publication

A. Research grants, projects completed and ongoing from funding agencies (like SPPU, BCUD, UGC, AICTE, DST)

Sr. No.	Principal Investigator	Title of Project	Funding Agency	Amount (Rs. In Lakh)	Remark (if any)
--					



B. Faculty Publications

Number of Publication in National Journals	Nil
Number of Publication in International Journals	11
Number of Publication in National Conferences	Nil
Number of Publication in International Conferences	Nil

C. National Journal

Sr. No.	Title of Paper	Name of the Author/s	Name of journal	ISBN/ ISSN Number
--				

D. International Journal

Sr. No.	Title of Paper	Name of the Author/s	Name of journal	ISBN/ IS.SN Number
1	Analysis of Supervised Machine Learning Techniques for Predicting Vehicle Clutch Status	Dr. S. B. Patil	Lecture Notes Scopus	
2	Preprocessing & Skull Stripping of Brain Tumor Extraction from Magnetic resonance Imaging Images Using Image Processing	Dr. S. B. Patil	Scopus	
3	Maize Leaf Healthy & Unhealthy Classification Using Image Processing Technique & Machine Learning Classifiers	Dr. S. B. Patil	Scopus	
4	A Literature Survey on Fault Investigation Methods of Voltage Source Inverter	Dr. S. B. Patil	International Journal of Creative Research Thoughts (IJCRT)	2320-2882
5	Comparative Study of Open Switch Fault diagnosis in Three Phase Voltage Source Inverter	Dr. S. B. Patil	Nero Quantology, Scopus	



Sr. No.	Title of Paper	Name of the Author/s	Name of journal	ISBN/IS.SN Number
6	A Hybrid Approach for the Automated Classification & Grading of a Brain Tumor	Dr. S. B. Patil	Scopus	
7	Fault Diagnosis of Voltage Source Inverter Using Machine Learning Techniques	Dr. S. B. Patil	Spinger Chapter Notes 2021 Scopus	
8	Image Recognition Using Machine Learning & AI	Dr. S. I. Nipanikar	Sambodhi (UGC Care Journal)	2249-6661
9	Image Recognition Using Machine Learning & AI	Prof. R. S. Nipanikar	Sambodhi (UGC Care Journal)	2249-6661
10	Advanced Face Detection Using Deep Learning & AI Based Algorithm	Dr. S. I. Nipanikar	Spinger	Acceptance Letter
11	Industrial Monitoring System	Prof. L. M. Sagale	Journal of Advancement in Communication System	DOI yet to be assigned

E. National Conference

Sr. No.	Title of Paper	Name of the Author/s	Title of the Proceedings of the Conference	ISBN/ISSN Number	Publisher
Nil					

F. International Conference

Sr. No.	Title of Paper	Name of the Author/s	Title of the Proceedings of the Conference	ISBN/ISSN Number	Publisher
Nil					

G. Books / Book Chapters

Sr. No.	Title of the Book/ Chapters Published	Name of the Author/s	ISBN/ISSN Number	Publisher
Nil				



Section VI: Collaborations & Linkages**A. Student Internships**

Sr. No.	Name of Student	Name of Sponsored Industry / Research Institute/ Partner in Institution	Duration
1	BABAR RUTUJA PRADIP	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022
2	BABAR RUTUJA PRADIP	CAD Desk- Virtual Internship	01/04/2022 To 15/05/2022
3	BHIMANAVARU BASAVRAJ ARJUN	Spectris Technology Pvt.Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022
4	DEOKAR POONAM DHANAJI	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhore, Pune	03/01/2022 To 18/02/2022
5	DHONDE ABHIJEET VITTHAL	Property Solution India Pvt. Ltd.	02/04/2022 To 30/05/2022
6	GADE RUSHIKESH NARAYN	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022
7	GADEKAR NILAM RAMESH	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022
8	GADHAVE PRAJKTA SUNIL	inled Technologies LLP. Mhavashi, Khandala, satara	01/04/2022 To 01/06/2022
9	GHATAKAMBLE SANDEEP SIDHALINGAPPA	Spectris Technology Pvt.Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022
10	JADHAV ANIKET NATHU	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhore, Pune	03/01/2022 To 18/02/2022
11	JADHAV JYOTI SANJAY	Egearz Private Ltd. Shindewadi, Khandala, Satara	03/01/2022 To 18/02/2022
12	JADHAV PRIYANKA TANAJI	Highlight Electricals and Service. Baramati Pune	01/04/2022 To 30/04/2022



Sr. No.	Name of Student	Name of Sponsored Industry / Research Institute/ Partner in Institution	Duration
13	KADALE SHRUTIKA PRAMOD	SafeexpressPvt. Ltd. , Shindewadi , Bhor, Pune	15/03/2022 To 15/05/2022
14	KADAM DHIRAJ SUHAS	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022
15	KANSE PAYAL ASHOK	Surya Enginnering Works, Shirwal.	03/01/2022 To 18/02/2022
16	KASHID DEEPALI BABURAO	Arete Manufacturing Services Pvt. Ltd. Dhyari Pune.	01/04/2022 To 30/04/2022
17	KHOMANE SAGAR BHANUDAS	Raj PolyfabricsPvt. Ltd. , Jejuri MIDC, Purandar, Pune.	15/04/2022 To 18/05/2022
18	KHOPADE AARATI NAMDEV	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022
19	KOKATE ANKITA BALASAU	Wimson Electronics Pvt. Ltd. Shindewadi, Bhor, Pune	01//04/2022 To 28/04/2022
20	KOKATE UMESH RAMESH	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022
22	KONDHALKAR POOJA RAMCHANDRA	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022
23	MALAVI VISHAL SHIVAJI	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022
24	MALEKAR KOMAL SANJAY	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022
25	METIL MAHENDRA RANGRAO	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022
26	MORE KETAN VIJAY	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022



Sr. No.	Name of Student	Name of Sponsored Industry / Research Institute/ Partner in Institution	Duration
27	MORE MAHESH SUNIL	Smart Kowner- Online internship	02/04/200 To 05/05/2022
28	PARWADI AAYUSH ASHOK	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022
29	PATIL ARCHANA MAHADEO	Supreme Facility Management Pvt. Ltd. Akurdi Pune.	01/04/2022 To 30/04/2022
30	PAWAR GANESH PANDURANG	Spectris Technology Pvt.Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022
31	PAWAR RUSHIKESH DNYANESHWAR	Raj PolyfabricsPvt. Ltd. ,Jejuri MIDC, Purandar, Pune.	15/04/2022 To 18/05/2022
32	PAWAR SWARALI RAMCHANDRA	Dynamic Solution Pvt. Ltd. Baner Pune	08/04/2022 To 20/05/2022
33	RENUSE ARCHANA SITARAM	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022
34	SALUNKE PRATIKSHA PANDURANG	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022
35	SAWANT RAJ DNYANESHWAR	ILJIN Global India Private Limited Kesurdi, Khandala, Satara	01/04/2022 To 30/04/2022
36	SHAIKH SHAHRUKH SALIM	Geeks for Geeks - Online Internship	05/03/2022 To 08/04/2022
37	SHENDAGE BHAGYASHREE UMAJI	Cummins Indi Limited, Phaltan.	18/03/2021 To 14/03/2022
38	SUTAR PRATIK ADHIKRAO	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022



Sr. No.	Name of Student	Name of Sponsored Industry / Research Institute/ Partner in Institution	Duration
39	SUTAR SHABDASHREE	Chheda Electricals & Electronics Pvt. Ltd. Palashi, Khandala Satara	03/01/2022 To 18/02/2022
40	SUTAR SHITAL KASHINATH	United Crain & Components Pvt. Ltd. Pune	03/01/2022 To 18/02/2022
41	TAVARE SHUBHAM LAXMAN	iGeeks Bridging Technology	03/04/2022 To 06/05/2022
42	WALHEKAR KOMAL BALASO	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022

B. Sponsored Projects

Sr. No	Project Title	Name of Student	Name of Sponsored Industry / Research Institute/ Partnering Institution
1	Face Mask & body Temperature Detection using Arduino Uno	Bankar Hrushikesh Ramesh Chavan Aishwarya R. Chavan Ankita Prakash	Swara Enterprises Ratnagiri
2	Cow Health Monitoring System using IoT	Kazi Arshad Nazir Mandhare Prajakta Prakash Shaikh Tabasum Firoj	Swara Enterprises Ratnagiri
3	Intelligent Exam Paper Leakage Detection	Bhosale Rajshri Sunil More Varsharani R Pilane Akshada Balu	Swara Enterprises Ratnagiri
4	IoT Based EV's Battery Swapping & Charging system using Solar	Gaikwad Pooja Kanade Payal Kazi Mansur	Swara Enterprises Ratnagiri



C. Industrial Visits

Sr. No.	Name of industry / Company Research Institute / Partnering Institution	Date of Visit	Number of Student Participated
1	VCB Electronics Pvt. Ltd. Gat No. 760, Khed shivapur, Tal - Haveli, Dist - Pune, Pin - 412205	22/02/2022	70
2	CEM Electromech Pvt Ltd Khed Shivapur - Saswad Link Rd, Kasurdi, Maharashtra 412205	28/4/2022	61
3	TE Connectivity India Pvt Ltd Plot No. 1-10, Gate No. 1122, 1129, 1140, Near Mouje Shirwal, Shirwal-412801.	17/05/2022	45

D. Functional Memorandum of Understanding (MoU)

Sr. No.	Name of industry / Company Research Institute / Partnering Institution	Date of Commencement	Duration
1	TE Connectivity India Private Limited	28/12/2020	10 Years
2	Swara Enterprises Ratnagiri	1/05/2020	05 Years
3	VCB Electronics Pvt Ltd	24/06/2014	10 Years
4	Rubicon Skill Development Pvt. Ltd	03/01/2020	05 Years
5	Dhruva Automation & Controls Pvt. Ltd	07/03/2016	10 Years
6	Xtream Engineering Equipment Pvt. Ltd	17/07/2015	10 Years
7	Saturn Rings and Forgings Pvt. Ltd	27/12/2018	05 Years
8	High Power Engineering Co Pvt. Ltd	14/6/2014	10 Years
9	Raj Vimal Group	20/08/2019	10 Years



E. Activities Through MOU

Sr. No.	Name of industry /Institute / Partnering Institution	Date of Activity	Name of Activity	Number of Student Participated
1	Swara Enterprises ,Ratnagiri	20/5/2022	Sponsored Project	03
2	Swara Enterprises, Ratnagiri	20/5/2022	Sponsored Project	03
3	TE Connectivity India Private Limited, Shirwal.	17/05/2022	Industrial Visit	45
4	TE Connectivity India Private Limited, Shirwal.	8 March 2022to 12March 2022	Workshop	75
5	TE Connectivity India Private Limited, Shirwal.	14 Dec 2021 to 15 Jan2022	Internship	11
6	TE Connectivity India Private Limited, Shirwal.	8/5/2022	Campus Drive	05
7	VCB Electronics Pvt.Ltd, Pune	22/02/2022	Industrial Visit	70
8	Rubicon Skill Development Pvt. Ltd. Pune.	4th May To 8th May 2022	Workshop	18
9	VCB Electronics Pvt.Ltd, Pune	23/05/2022	Campus Drive	03

Section VII: Student Progression**A. Placements****1. Incampus:**

Sr. No.	Name of Students	Name of Company
1	Ahire Sunil Bhagwan	Incrux Technologies Pvt.Ltd
2	Chavan Aishwrya Ramchandra	
3	Jadhav Pooja Ashok	
4	Kokate Swapnali Rajendra	VCB Electronics Pvt. Ltd.
5	Jadhav Asmita Sunil	
6	Bankar Hrishikesh Ramesh	



Sr. No.	Name of Students	Name of Company
7	Kulkarni Mahesh Tukaram	TE Connectivity India Pvt. Ltd.
8	Kunjir Ajinkya Rajendra	
9	Jadhav Pooja Ashok	
10	Kunjir Ajinkya Rajendra	
11	Mane Pooja Ashok	
12	Kazi Arshad Najir	Wipro Pari India Pvt. Ltd.
13	Tabasum Firoj Shaikh	Trinity Electromech
14	Ankita Prashant Chavan	
15	Jadhav Priyanka Krishnat	
16	Mane Prashant Madhukar	
17	Tabasum Firoj Shaikh	
18	Kazi Mansur Najir	Desai Electronics Pvt. Ltd.
19	Mane Sejal Anil	

2. Off campus:

Sr.No.	Name of Students	Name of Company
1	Mandhare Prajakta Prakash	Sanjeevani Enterprises
2	Mahangare Tanaya Rajendra	
3	Jadhav Priyanka Krishnat	
4	More Varsharani Ramesh	PL Industries
5	Kokate Swapnali Rajendra	
6	Kumbhar Prajakta Uttam	

B. Higher Education

Sr.No.	Name of Students	Name of Institution Admitted To	Name of Program Admitted To
Nil			



Section VIII: Activity Organized (Conducted) I Attended by Department
A. Technical and Non-Technical Event I Workshop/Seminar Organized for Students

Sr. No.	Name of Event/ Workshop	Organized under (Department / Student Association / Profession Chapter / Student Club)	Date of Event	Level (Institute/ University/ State/ National/ International)	No. Of Participants
1	Training on Personality and Employability Skills	Department T&P Cell	4/05/2022 to 08/05/2022	Institute	18
2	Project competition	Organized under E&TC Department	22/03/2022	Institute	20
3	Webinar on "Machine Learning and its Applications"	Organized under E&TC Department	24/09/2021	National	76
4	"Hands on Training on Internet of Things using ESP32"	Organized under E&TC Department	11/10/2021 to 13/10/2021	Institute	45
5	Webinar on "Electrical Vehicles and Batteries"	Organized under E&TC Department	20/10/2021	National	68
6	Webinar on Current Industry Trends	Organized under E&TC Department	24/10/2021	National	138

B. FDP /Workshop/STTP/ Conference Organized for faculty

Sr. No.	Name of Event/ Workshop	Date of Event	Level (Institute/ University / State/ National/ International)	No. of Participants
1	FDP on Imparting Soft Skill for Success	04/01/2022 to 08/01/2022	Institute	70



C. Technical and Non-Technical Event / Workshop/Seminar Attended by Students

Sr. No.	Name of Student	Name of Event	Date of Event	Organized by	Level (Institute/ University State/ National/International)
1	Rutuja Pradip Babar	Current Industry Trends	24/11/21	SCSCOE, Pune	National
2	Pawar Manthan				
3	Jagtap Apurva				
4	Sourabh Ghadge				
5	Raut Anuradha				
6	Archana Mahadeo Patil	Hands-on Internet of Things using ESP -32	11/10/21 to 13/10/ 21	SCSCOE, Pune	Institute
7	Prajakta Uttam Kumbhar				
8	Rutuja Pradip Babar				
9	Touhit Sardar Bahurupi				
10	Rohit Jadhav				
11	Kartik Jadhav	Communication and Employability skills (Interview Skills)	04/05/2022 to 08/05/2022	SCSCOE, Dhangawadi, Pune	National
12	Parwadi Ayush				
13	Chavan Ankita				
14	Shaikh Tabasum				
15	Kazi Arshad				
16	Kanade Payal	Electrical vehicles and Batteries	20/10/21	SCSCOE, Dhangawadi, Pune	National
17	Dudhane Tejas				
18	Alisha J. Bandal				
19	Pandekar Prajakta				
20	Phadtare Shweta				
21	Ajay Sawant	Machine Learning & its Applications	24/09/2021	SCSCOE, Dhangawadi, Pune	National
22	Shraddha Patil				
23	Jadhav Jyoti				
24	PoonamDevkar				
25	Salunke Omkar				
26	Chavan Ankita				



D. FDP /Workshop/STTP/ Conference / Webinar Attended by faculty

Sr. No.	Name of Faculty	Name of Event	Date of Event	Organised by	Level (Institute/ University / State/ National / International)
1.	Prof.Dr. S. I. Nipanikar	Webinar on Software Testing	23/11/2021	SCSCOE, Dhangawdi, Pune	State
2.		Webinar on Current Industry Trends	24/11/2021	SCSCOE, Dhangawdi, Pune	State
3.		FDP on Advance Python Program	27/11/2021	SCSCOE, Dhangawdi, Pune	State
4.		Webinar on Electric Vehicle & Batteries	26/11/2021	SCSCOE, Dhangawdi, Pune	State
5.		FDP on Developing Leadership skill	17/09/2021	VVCE Engg. College Mysuru	State
6.		Webinar on Importance of Patent filing & Regeneration	19/11/2021	SCSCOE, Dhangawdi, Pune	State
7.		Webinar on Health Importance	15/09/2021	SCSCOE, Dhangawdi, Pune	State
8.	Prof. L. M. Sagle	Webinar on Innovation in HCI	13/01/2022	SCSCOE, Dhangawdi, Pune	State
9.		Webinar on Patent Filing & Registration	19/11/2021	SCSCOE, Dhangawdi, Pune	State
10.		FDP on Artificial Intelligence	24/01/2022	SCSCOE, Dhangawdi, Pune	State
11.		Webinar on Way to Understand & Remember Study Material	02/02/2022	SCSCOE, Dhangawdi, Pune	State
12.		Webinar on Biomedical Imaging using AI	07/08/2021	JSPM College Pune	State



Sr. No.	Name of Faculty	Name of Event	Date of Event	Organised by	Level (Institute/ University / State/ National / International)
13.	Prof. L. M. Sagle	Webinar on Machine Learning & applications	4/12/2021	SCSCOE, Dhangawdi, Pune	State
14.		Webinar on Current Industry Trends	24/11/21	SCSCOE, Dhangawdi, Pune	State
15.		FDP on Advance Python Programming	27/11/2021	SCSCOE, Dhangawdi, Pune	State
16.	Prof. R. S. Nipanikar	Online Quiz Competition on National Voters Day	25/01/2022	SCSCOE, Dhangawdi, Pune	State
17.		Webinar on Understanding & Remembering Study Material	02/02/2022	SCSCOE, Dhangawdi, Pune	State
18.		Webinar on Machine learning & applications	04/12/2021	SCSCOE, Dhangawdi, Pune	State
19.		Webinar on Trends & Innovations in HCI	13/01/2022	SCSCOE, Dhangawdi, Pune	State
20.	Prof. S. D. Pasalkar	Webinar on Underwater Communication System	08/07/2021	SKN College Pune	State
21.		FDP on Arduino Programming	21/06/2021	MAEER's MIT Pune	State
22.		FDP on Usage of Technology in Covid-19	28/05/2021	Terna College Mumbai	State
23.		Webinar on Industrial automation	26/02/2022	AISSMS's Pune	State
24.		FDP on Real-Time Embedded &IoT System	06/12/2021	AICTE Training & Learning Academy	State



Sr. No.	Name of Faculty	Name of Event	Date of Event	Organised by	Level (Institute/ University / State/ National / International)
25	Prof. S. D. Pasalkar	Workshop on IS Electrical Installations, Testing Maintenance	09/09/2021	Tulsi Ramji Gaikwad - Patil College Nagpur	University
26		FDP on Imparting Soft Skill for Success	24/11/2021	Gravitas Q Stories	University

Section IX: Achievements

A. Awards and Prizes received by students

Sr. No.	Name of Student	Event Name/Details	Organized by	Achievement/ Position/Prize
Nil				

B. Participation of teachers in various activities as members of committees at University level, State level, National level, International level bodies.

Sr. No.	Name of Faculty	Members of Committees at University level/State level/ International Level as
1	Dr. S. B. Patil	Academic Council Member, Swaraj Institute of Management Vanvasmatchi, Karad

C. Details of teachers appointed/ Nominated on Editorial Boards/Reviewers

Sr. No.	Name of Faculty	Name of Editorial Boards /Conference
1	Prof. T.M. Dudhane	BOS Member, Swaraj Institute of Management Vanvasmatchi, Karad
2	Dr. S. I. Nipanikar	Member of CDC, Swaraj Institute of Management Vanvasmatchi, Karad

D. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Sr. No.	Name Of Faculty	Name of Award
Nil		



E. Participation of teachers in various activities as resource person / Expert Lecture / Paper Setter :

Sr. No.	Name Of Faculty	Date of Activity	Name of Organization	Name of Activity
1	Prof. T. M. Dudhane	9/4/2022	SPPU, Pune	Paper Setter
2	Dr. S. I. Nipanikar	9/2/2022	Rajgad Dnyanpeeth Technical Campus Polytechnic, Dhangawadi	Guest Lecture
3	Dr. S. I. Nipanikar	23/3/2022	Rajgad Dnyanpeeth Technical Campus Polytechnic, Dhangawadi	Guest Lecture
4	Prof. R. S. Nipanikar	13/09/2021	VPPCOE, Sion, Mumbai	Guest Lecture

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date: 07/07/2022

T. M. Dudhane

Head of Department
Head of Department
 Dept. of E& TC Engineering
 Sri Chh. Shivajiraje College of Engg
 Dhangawadi, Pune-412206
 Recommendations:



[Signature]

Principal
Principal
 Rajgad Dnyanpeeth Technical Campus
 Sri Chhatrapati Shivajiraje College of Engineering
 Dhangawadi, Bhor, Pune- 412 205

1. The faculty & student ratio was good in college improve students participation in university or other technical events.

2. National / International conference, paper publication along with research activities should be improved for staff and students.

[Signature]

Dr. N. S. Narawade
 HOD, MOZE College of Engg.
 wagoli, pune.
 External Auditor 1



[Signature]

Dr. C. G. Patil
 Sinhgad College & Engg.
 Kandhwa, pune.
 External Auditor 2